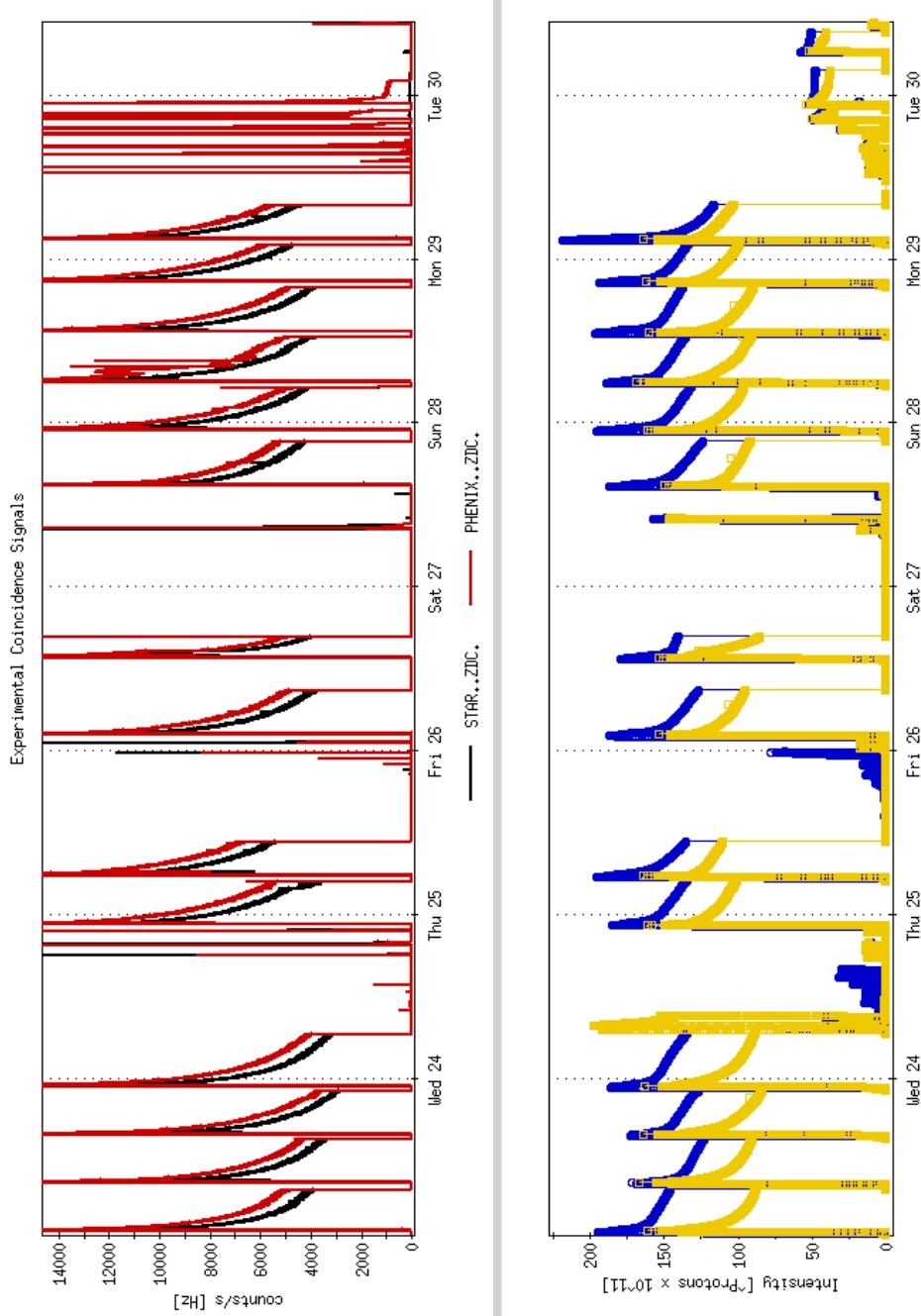
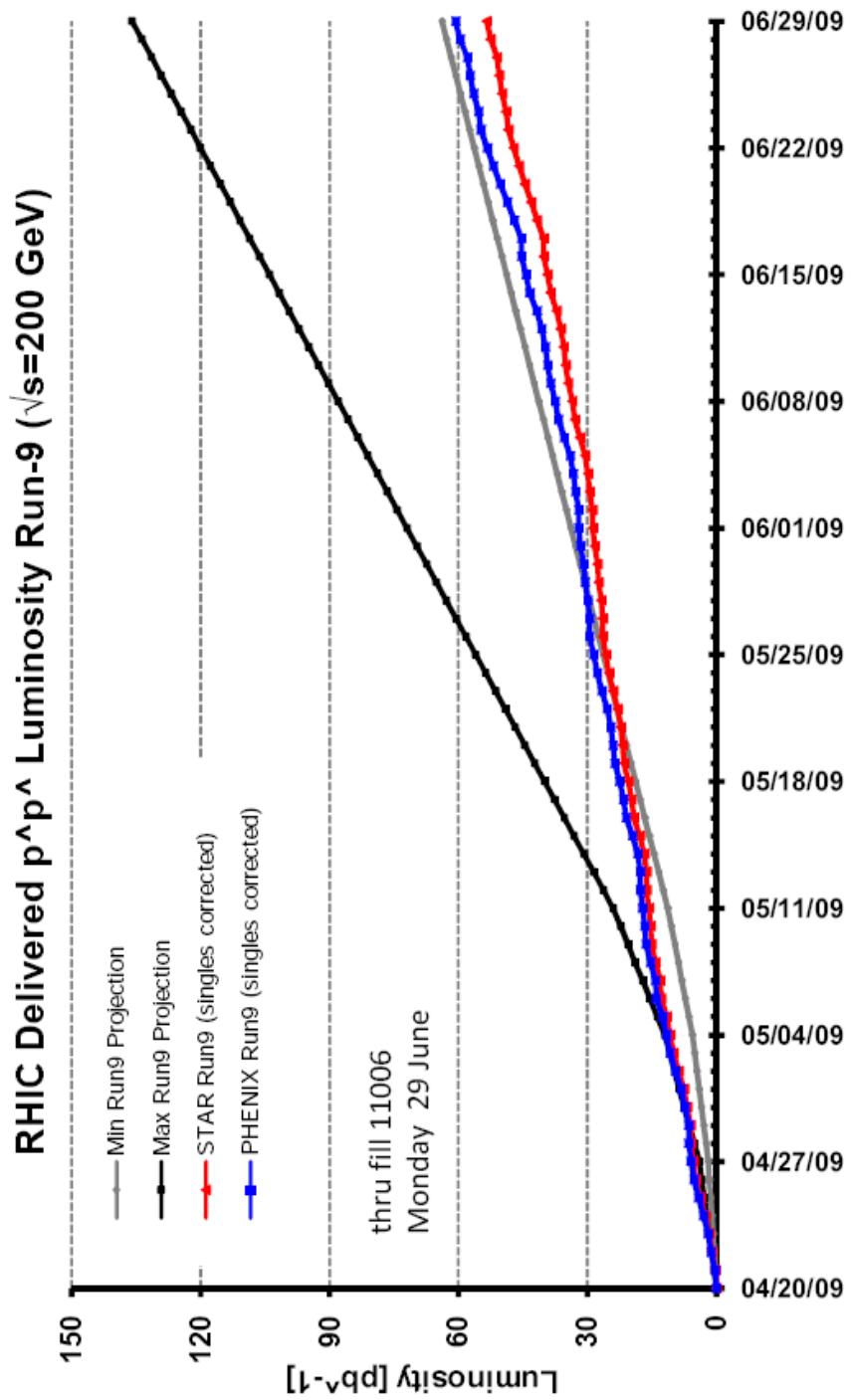


RHIC Status

June 30, 2009



- Back-to-back physics stores, with few (scheduled) interruptions
- 10 h LLRF work on Thursday; reverted to old system afterwards. No request for additional time this run.
- New software/coefficients for main power supply tested on Friday. No success.
- Massive power dip on Friday, 24 h delay. Beam had been lost at automatic store orbit correction. One IR sextupole found at wrong setting.



- Set-up for pp2pp started yesterday.
- Both beams made it to store on 3rd attempt.
- Started providing overnight collisions already.
- 20 sec beating of 10 Hz orbit oscillations causes unacceptable background conditions in Yellow. Trying to improve this by store tuning.

Plan for the week

- Physics running for pp2pp (goal: 40 h at store, with 0.5e11/bunch in 109x109)
- If/when pp2pp reaches their goal, APEX/Machine Development until Monday morning 7/6.